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5.

Oath or Declaration

Please type a sign (+) inside this box → | Approved for use through 10/31/2002 OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCA Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No PB340P2C2 UTILITY First Inventor Chor et al PATENT APPLICATION Streptococcus pneumoniae Antigens and Vacci TRANSMITTAL Express Mail Label No (Only for new nonprovisional applications under 37 CFR 1,53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Box Patent Application See MPEP chapter 600 concerning utility patent application contents 1. Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or Computer (Submit an original, and a duplicate for fee processing) Program (Appendix) 2. 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on 3. Specification [Total Pages: 388 ] : CD-ROM or CD-R (2 copies), or (preferred arrangement set forth below) Descriptive title of the Invention
 Cross Reference to Related Application ii. | paper [Total Pages : 274 (pp. 111-384) ] c. Statements verifying identity of above copies - Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix ACCOMPANYING APPLICATION PARTS Background of the Invention Brief Summary of the Invention
 Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement - Detailed Description Power of Attorney - Claim(s) (pp 385-387) - Abstract of the Disclosure (n 388) 11. 

English Translation Document (if applicable) 4. Drawing(s) (35 U.S.C. 113) Total Sheets

13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) Newly executed (original or copy) a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d)) (should be specifically itemized) (for continuation/divisional with Box 17 completed) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) i. DELETION OF INVENTOR(S) Other: Request Under 37 C.F.R. § 1.821(e) Signed statement attached deleting inventor(s) named in

the prior application, see 37 CFR ' 1 63(d)(2) and 1.33(b)

[Total Pages 15 ]

 Application Data Sheet. See 37 CFR 1.76. 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Copies of Citations

Continuation	Divisiona	ıl 🗌	Continuation-in-	-Part (CIP)	of prior application No-	08/961,083 filed October 30	), 1991
Prior application infor	mation ·	Examiner: )	. Hines	Groun/Art Unit	1641		

For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an earli or declaration is suppled under Box 3b, is considered a part of the disclosure of this accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be ribid upon when a perticular has been insuferently omitted from the inferently

## 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 22195 Correspondence address below NAME ADDRESS CITY STATE ZIP CODE COUNTRY TELEPHONE NAME (Print/Type) Kenley K, Hoover Registration No. (Attorney/Agent) 40.302 SIGNATURE Date Kin

Burden Hour Statement: This form is as Burden Hour Statement: This form is entitled to take 22 hours to complete. Time will vary depending upon the needs of the individual case. Afry comments on the amount of time you are required to expose the first form should be sent to the Chief Information Officer, U.S. Fatter and IT deamark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO. Assistant Commissioner for Fatents, Box Fatter Application, wheatington, DC 20231. DO

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Complete if Known FEE TRANSMITTAL for FY 2001 \_ 'n Patent fees are subject to annual revision To be assigned Application Number January 22, 2001 Filing Date First Named Inventor Choi et al. Examiner Name To be assigned Group Art Unit To be assigned (\$)968.00 Attorney Docket Number PB340P2C2 Total amount of payment METHOD OF PAYMENT (CHECK ONE) FEE CALCULATION (CONTINUED) 1. A The Commissioner is hereby authorized to charge indicated ADDITIONAL FEES Large Entity Small Entity ees and credit any overpayment to 08-3425 Deposit Account Fee Fee Fee Fee Fee Paid Code (\$) Code (S) Description Number Deposit Account Human Genome Sciences, Inc. Surcharge - late filing of Oath or Declaration 105 130 205 227 Surcharge - late provisional filing fee or cover Charge Any Additional Fee Required 130 139 130 Non-English specification Under 37 CFR §§ 1.16 and 1.17 2 520 For filing a request for ex parte reexamination 147 147 Requesting publication of SIR prior to Examiner 920 112 920 Applicant claims small entity status 113 1,840 113 1,840 Requesting publication of SIR after Examiner See 37 CFR 1.27 110 215 55 Extension for reply within first month 116 390 216 195 Extension for reply within second month ☐ Payment Enclosed 117 890 217 445 Extension for reply within third month ☐ Check ☐ Credit Card ☐ Money Order ☑ Other 118 1 390 218 695 Extension for reply within fourth month 128 228 Extension for reply within fifth month Charge any deficiencies or credit any overpayments in the fees or fee 1.890 945 calculations of Parts 1, 2 and 3 below to Deposit Account No. 08-3425 119 310 219 155 Notice of Appeal 120 310 220 FEE CALCULATION 155 Filing a brief in support of an appeal BASIC BILING FEE 121 270 221 Request for oral hearing Large 1,510 1,510 Petation to institute a public use proceeds Entity 138 138 Fee Fee Fee Fee Description Paid Cod (S) Code (S) 101 710 201 354 Utility filing fee 140 110 240 55 Petition to revive -unavoidable 100 Design filing fee 141 1.240 741 Petition to revive - unintentional 320 20/ 160 620 107 490 207 245 Plant filing fce 142 1,240 242 620 Utility issue fee (or reissue) 108 710 205 355 Reissue filing fee 143 440 243 220 Design issue fee 114 150 214 75 Provisional filing for 144 600 244 Plant issue foe 300 122 130 122 130 Petitions to the Commissioner \$710.00 Subtotal (1) 123 123 Petitions related to provisional applications 50 50 126 240 126 240 Submission of Information Disclosure Statement €2. EXTRA CLAIM FEES 581 Recording each patent assignment per property 40 481 40 (times number of properties) Filing a submission after final rejection Fee 146 710 246 355 Extra Paid (37 CFR 1 129(a)) 149 710 749 355 For each additional invention to be examined (37) Total claims 21 18.00 \$18.00 CER 1 129(b)) Indep.claims 80.00 \$240.00 170 270 Request for Continued Examination (RCE) Multiple 169 100 169 900 Request for expedited examination of a design Dependent application Other fee (specify) Lare Entity Small Entity Fee Other fee (specify) Fee Description Fee Fee Fee Cod (S) Code (5) \*Reduced by Basic Filing Fee Paid 103 18 203 Claims in excess of 20 102 202 Independent claims in excess of 3 80 40 104 204 135 Mutiple dependent clam 108 209 \*\*Reissue independent claims 80 40 Subtotal (3) \$0.00 18 210 9 \*\*Reissue claims in excess of 20 and over original patent (\$)258.00 Subtotal (2) Complete (if applicable) Submitted By Name (Print/Type) Kenley K. Hoover Registration No.: 40,302 Telephone 301-610-5771 22,700

Signature: